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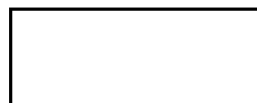
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PHOTOGRAPHIC INTERPRETATION REPORT



ORBITA TV  
RECEIVING FACILITIES  
USSR

Declass Review by NIMA/DOD



SEPTEMBER 1969

COPY 118

30 PAGES

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INSTALLATION OR ACTIVITY NAME				COUNTRY	
Orbita TV Receiving Facilities				UR	
UTM COORDINATES	GEOGRAPHIC COORDINATES	BE NUMBER	COMIREX NO.	NIETB NO.	
NA	See Below	See Below	See Below	See Below	
MAP REFERENCE					
ACIC. US Air Target Charts, Series 200, scale 1:200,000					
LATEST IMAGERY USED			NEGATION DATE (if required)		
See Below			NA		
REQUIREMENT			NPIC PROJECT		
NSA/SOC/R-01-70					

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## ABSTRACT

This report provides annotated photography depicting the current status of 26 photographically identified Orbita television receiving facilities. It also includes a brief description of each facility and any associated features.

## INTRODUCTION

This report on Orbita facilities has been prepared in response to an NSA requirement which requested a) the current status of all known Orbita facilities, b) a photograph of each facility, and c) photography illustrating the construction process of a typical Orbita facility. Information on the construction process of an Orbita facility could not be provided because this would require either sequential photography over the same facility or coverage over several facilities in various stages of construction. Neither type of photography is available.

Twenty-six Orbita TV receiving facilities have been identified on [redacted] photography in the USSR (Figure 1). All available high-resolution photography [redacted] has been utilized to summarize their current status.

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FIGURE 2. BRATSK ORBITA TV RECEIVING FACILITY

A typical Orbita facility (Figure 2) consists essentially of a 40-foot-diameter solid parabolic dish antenna on a probable x-y mount atop a 60-foot-diameter control building. Microwave antennas have been identified at several facilities with a general orientation toward the local TV transmitting tower. The reprint photo (Figure 2) has been authenticated by [ ] coverage and gives certain finite details not available from photography.

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A complete functional description of the Orbita facilities and their relationship to the Molniya program has not been attempted in this report because this information is available in collateral intelligence research.<sup>1</sup>

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INSTALLATION OR ACTIVITY NAME				COUNTRY	
Irkutsk Orbita TV Receiving Facility				UR	
UTM COORDINATES	GEOGRAPHIC COORDINATES	BE NUMBER	COMPLEX NO		
NA	52-11-50N 104-28-30E	None	None		
MAP REFERENCE					

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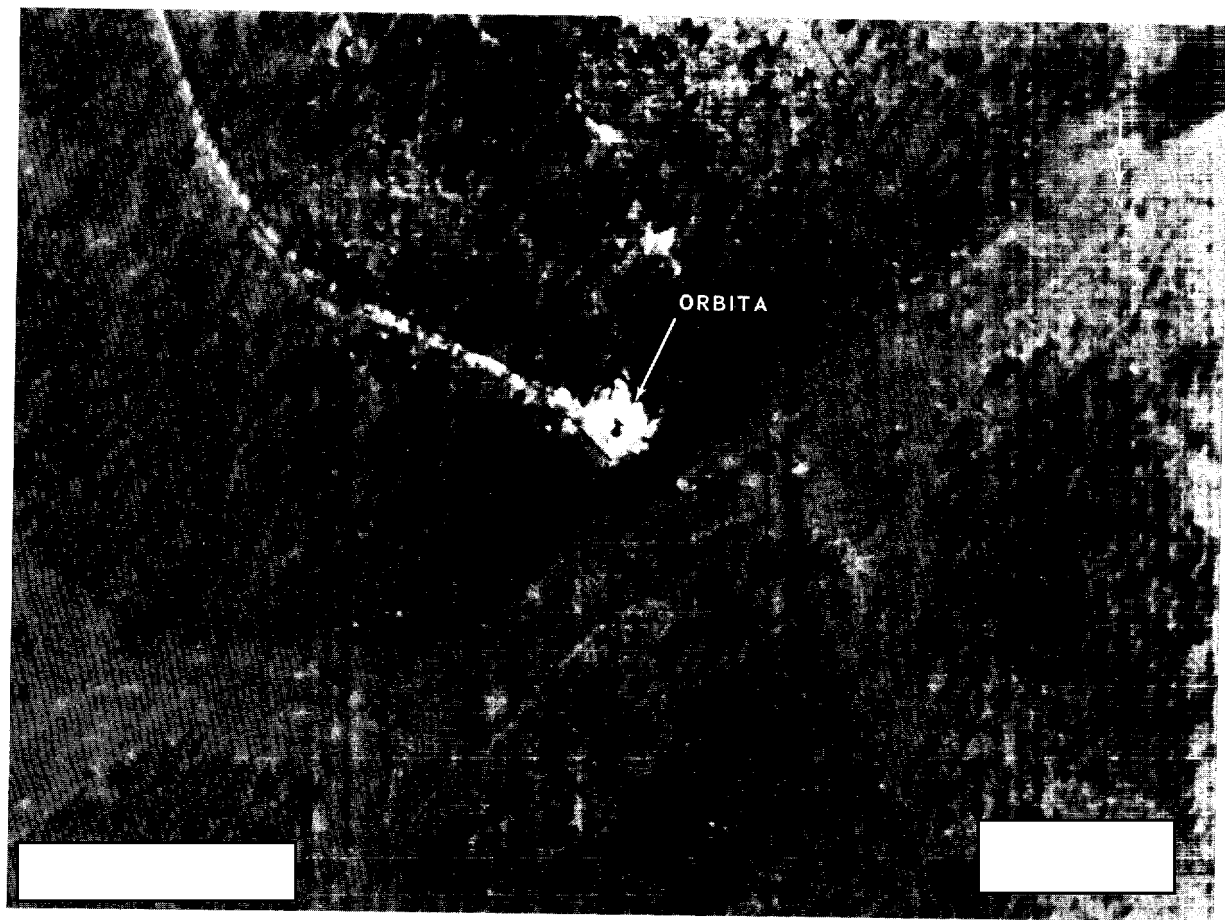
ACIC Chart, Series 200, Sheet 0200-22, scale 1:200,000

REVISION DATE (if required)

NA

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An apparently operational Orbita TV receiving facility is located 8 nautical miles (nm) southeast of Irkutsk, USSR.



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FIGURE 12. IRKUTSK ORBITA TV RECEIVING FACILITY

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INSTALLATION OR ACTIVITY NAME

COUNTRY

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Magadan Orbita TV Receiving Facility

UTM COORDINATES

GEOGRAPHIC COORDINATES

LTP

NA

59-42-40N 150-59-20E

MAP REFERENCE

ACIC Chart, Series 200, Sheet 0131-J, scale 1:200,000

NEGATION DATE (If required)

NA

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An apparently operational Orbita TV receiving facility is located 10.5 nautical miles (nm) north-northeast of Magadan, USSR.



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FIGURE 16. MAGADAN ORBITA TV RECEIVING FACILITY

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INSTALLATION OR ACTIVITY NAME		COUNTRY
Surgut Probable Orbita TV Receiving Facility		25X1
UTM COORDINATES	GEOGRAPHIC COORDINATES	IID
NA	61-15-10N 073-18-40E	
MAP REFERENCE		

ACTIC Chart, Series 200, Sheet 0099-18, scale 1:200,000

NEGATION DATE (if required)

NA

An apparently operational probable Orbita TV receiving facility is located 1 nautical mile (nm) west-northwest of Surgut, USSR. It is secured by a single fence.

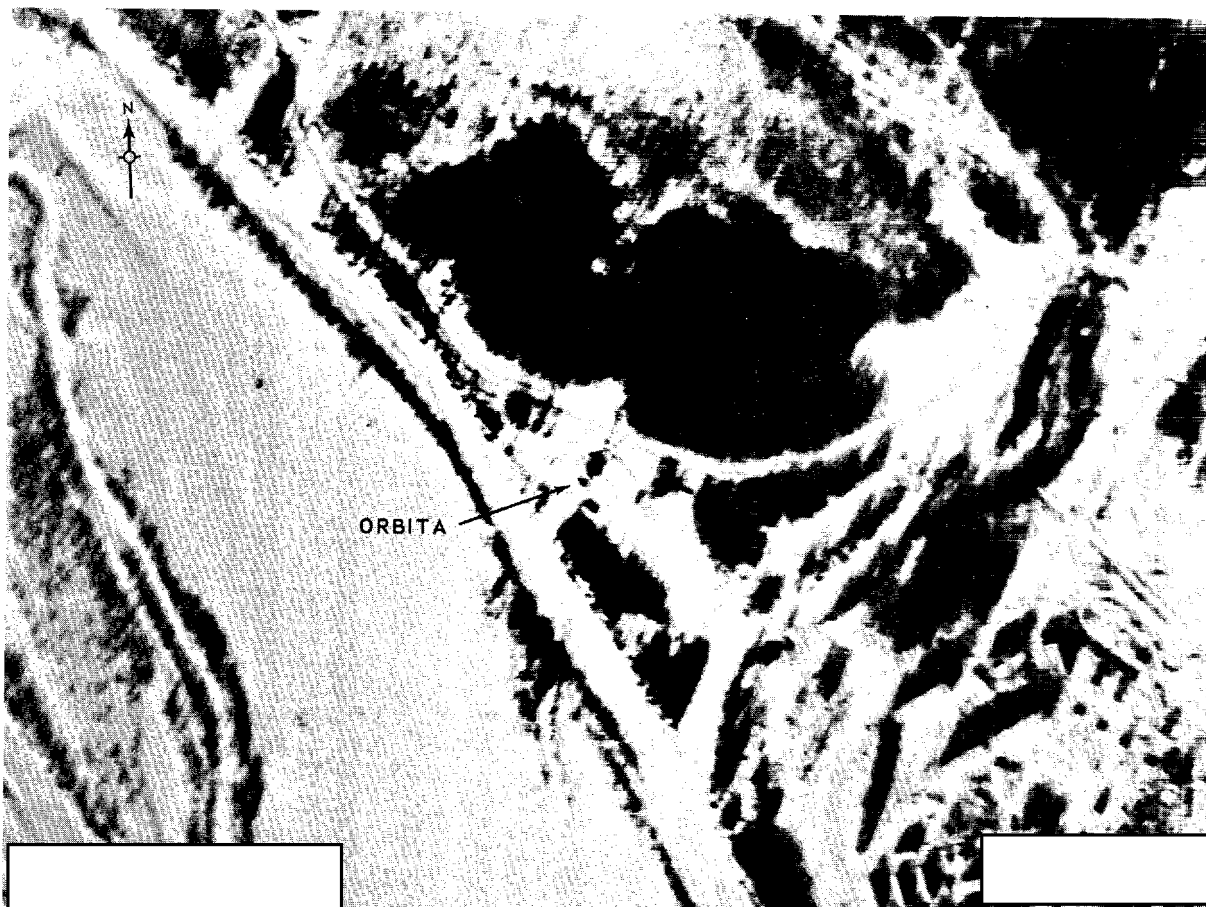


FIGURE 22. SURGUT PROB ORBITA TV RECEIVING FACILITY

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IDENTIFICATION OF ACTIVITY NAME

COUNTRY

25X1

Yakutsk Orbita TV Receiving Facility

UR

REF ID COORDINATES

GEOGRAPHIC COORDINATE

NA

61-54-00N 129-33-00E

AIRCRAFT REFERENCE

ACIC Chart, Series 200, Sheet 0124-11, scale 1:200,000

INDICATION DATE (if required)

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NA

An apparently operational Orbita TV receiving facility is located 8.5 nautical miles (nm) southwest of Yakutsk, USSR.



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FIGURE 27. YAKUTSK ORBITA TV RECEIVING FACILITY

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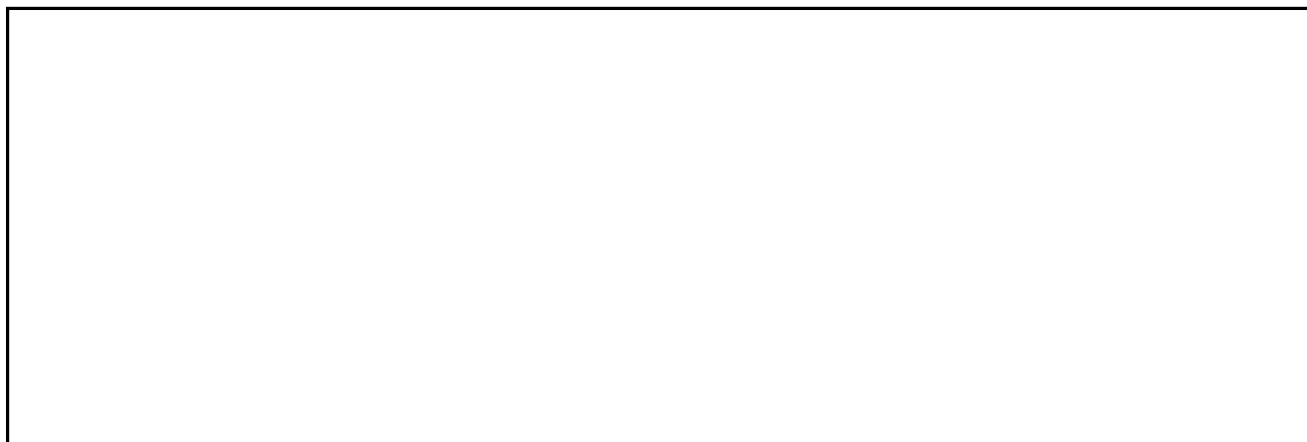
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#### REFERENCES




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#### MAPS OR CHARTS

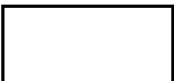
ACIC. US Air Target Charts, Series 200, scale 1:200,000

#### DOCUMENTS

1. CIA.  New Soviet Initiatives in Communications, Satellites, and Television, Jun 67 (SECRET)

#### REQUIREMENT

NSA Project NSA/SOC/R08-70

NPIC Project 

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